

TYCO® 1960



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PRECISION ENGINEERED HO SCALE MODEL ELECTRIC TRAINS

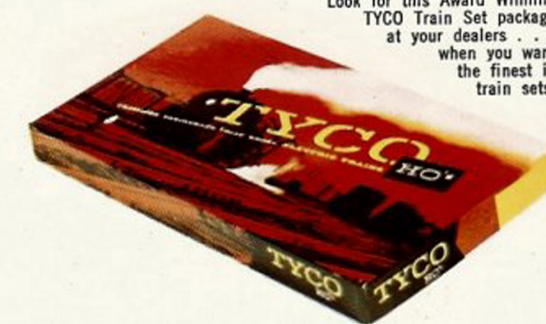
AMERICA'S OLDEST AND LARGEST MAKERS OF HO SCALE ELECTRIC TRAINS EXCLUSIVELY!

T618 "DIXIE BELLE" 3 CAR "GENERAL" 1860 PASSENGER SET

Features historic 4-4-0 Western & Atlantic "General" Locomotive with new universal-coupled drive and Tender. (List value \$39.73.) Set Price \$34.95



From the Collection of
HOseeker



Look for this Award Winning
TYCO Train Set package
at your dealers . . .
when you want
the finest in
train sets.

T619 "GOLDEN WEST" 5 CAR "GENERAL" 1860 FREIGHT SET

Another historic locomotive. The Central Pacific "General" with new universal-coupled drive and Tender and authentic period freight cars. (List value \$45.02)
Set Price \$39.95



T609 "EL CAPITAN" 2 CAR PASSENGER SET

Gear drive, lighted, Santa Fe F9 Diesel with dual lighted passenger cars. (List value \$27.88.) Set Price \$19.95. T610 "The Patriot" Same set with "New Haven" loco and cars. Set Price \$19.95



T613 "DIZZY BRAKEMAN" 4 CAR "SHIFTER" FREIGHT WITH 2 ACTION CARS

0-4-0 Pennsylvania Steam Loco and Tender with Animated Brakeman Box Car and operating Hopper Car. (List value \$33.03.) Set Price \$24.95



T620 "ROUND THE CLOCKER" 5 CAR "BIG SIX" STEAM WORK TRAIN

Features 0-6-0 Reading RR Steam Loco and Tender with operating Derrick Car operating Hopper Car and Floodlight Maintenance Car. (List value \$40.03) Set Price \$34.95



REMEMBER THIS ABOUT
TYCO

- ALL MOTORS HAVE 5 POLE COMMUTATORS FOR SMOOTH POWER!
- NO OTHER WORM & GEAR DRIVE MATCHES TYCO'S FOR POWER EFFICIENCY AND LONG LIFE.
- ALL DIESELS FEATURE OPERATING HEADLIGHTS.
- ONLY TYCO PASSENGER CARS ARE DUAL LIGHTED.
- ALL CARS SCIENTIFICALLY WEIGHTED FOR BEST ROADABILITY.

MADE IN U.S.A.

MORE THAN 400 SERVICE STATIONS
COAST TO COAST

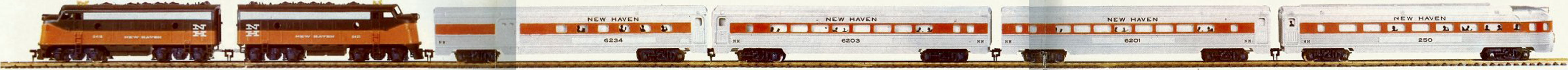
NOTE: We reserve the right to make changes in design, price and changes or improvements upon our products without imposing any obligation upon ourselves to install the same changes or improvements upon our products previously manufactured.

All Trains Sets on this spread include 45" x 36" track oval composed of 11 curved sections, 1 curved terminal section, 1 straight section, 1 curved re-railer section and portable TYCO NMRA Uncoupling Ramp.

TYCO TRAINS ARE MADE BY MANTUA METAL PRODUCTS CO., INC. WOODBURY HEIGHTS, N.J.U.S.A.

T617 "COLONIAL LIMITED" TWIN DIESEL, 4 CAR DUAL LIGHTED PASSENGER

Features gear driven, lighted F9 "A" Diesel and Non-Powered "A" unit. Only TYCO passenger cars are dual lighted for even illumination. (List value \$42.72) Set Price \$29.95. T616 "SUPER CHIEF"—Same set with Santa Fe locomotives and cars. Set Price \$29.95



T 612 "PACEMAKER" DENVER & RIO GRANDE 6 CAR TWIN DIESEL FREIGHT SET

Includes gear driven lighted F9 Diesel "A" unit and Non-Powered "A" unit. (List value \$33.03) Set Price \$24.95. T611 "PACEMAKER" CHESAPEAKE & OHIO—Same set with C&O units. Set Price \$24.95



From the Collection of
HOseeker

T621 "ROYAL BLUE SPECIAL" 4 CAR "PACIFIC" STEAM PASSENGER—ALL LIGHTED

Featuring the famous 4-6-2 Pacific B&O Steam Loco with operating headlight and Long Haul Tender. All cars are dual lighted. (List value \$53.71) Set Price \$39.95



T615 "EARLY BIRD WEST" 7 CAR "SHIFTER" FREIGHT SET

Includes popular Southern Pacific 0-4-0 Shifter Loco and Tender and colorful car assortment. (List value \$39.29) Set Price \$29.95. T614—"EARLY BIRD EAST"—Same set road marked Delaware & Hudson. Set Price \$29.95



T622 "MAMMOTH OF THE RAILS" 8 CAR "MIKADO" STEAM FREIGHT SET

Features 2-8-2 Mikado Locomotive w/operating headlight & Long Haul Tender, lighted 8 wheel caboose, Animated Brakeman Box Car & operating Hopper Car. (List value \$59.18) Set Price \$49.95



THE STORY BEHIND TYCO HO TRAINS

As a pioneer in the manufacture of precision HO scale Electric Trains, many of the exacting processes are exclusively the development of the Mantua Metal Products Company. Some of these are in effect "classified" and may not be pictured. However . . . with these exceptions . . . here is an armchair tour of the Mantua Plant which we're sure you'll enjoy. Every year, the Mantua plant covers more and more of the wooded hillsides at Woodbury Heights, N. J. This view shows the office entrance and part of the front of the building that houses the hundreds of operations that go into the making of TYCO HO Scale Model Electric Trains.



TYCO HO Scale Electric Trains are literally "born" here. Shown, is a section of the engineering and design department. From one year's end to the other Mantua's engineers and draftsmen are busy here converting full scale locomotive and rolling stock plans down to the precise working drawings needed by skilled tool and die-makers for the next step in the creation of new TYCO items.



After tool and die-makers have completed the precisely detailed and authentic dies and molds required for TYCO HO Scale Locomotives and Cars . . . they are routed to the various molding departments. A number of metal die-casting machines like these produce the many metal boilers, under-frames and other metal components that help give TYCO its exceptional quality and long life. Other dies are routed to specialized molding machines for Nylon and Hi Impact Styrene featured in TYCO products.



Literally thousands of different small metal parts must be stamped, pierced and formed for the completion of the many individual cars, locomotives and accessories featured in the TYCO Line. Here is just a partial view of the Heavy Power Press department.

Here is a section of the sub-assembly and light press departments where many important operations on the way to final production are carefully performed.



TYCO cars and locomotives are spray painted the exact shade of color or color combinations required to match the color specifications of the real life prototypes. Where more than one color is used . . . special masks are designed.



Special presses, like these are employed for the actual printing of model cars . . . even the rounded sides of tank and chemical cars. Through this means . . . every TYCO car from refrigerator car to passenger car . . . carries the authentic reproduction in miniature of all lettering, designs and colors of the original.



The final assembly of operating parts, cars and locomotives is in the hands of skilled and experienced operators who in turn, work under constant supervision. A section of this department is shown here. For most of the year this assembly operation is maintained on a full 24 hour schedule.

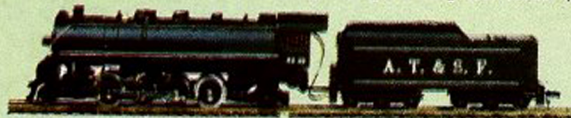


Regardless of the skill and experience that goes into the making of TYCO HO Scale Trains . . . nothing is left to chance. On test tracks like these . . . every single TYCO Locomotive is given a final operating check. This not only covers close visual observation of speed and smoothness of operation but voltage and amperage efficiency at various speeds.

All TYCO products are guaranteed one year from date of purchase against factory defects. All guarantees are void, however if locomotives are run on any electric current other than batteries of no more than 12 volts or a 12 volt DC power supply. Do not use "toy" transformers! FOR BEST OF ALL RESULTS AND LONGEST LIFE . . . USE TYCO POWER SUPPLIES AND ACCESSORIES!

All Trains Sets on this spread include 45" x 36" track oval composed of 11 curved sections, 1 curved terminal section, 1 straight section, 1 curved re-railer section and portable TYCO NMRA Uncoupling Ramp.

"MIKADO" 2-8-2 Steam Locomotive w/operating headlight & Long Haul Tender \$29.95



★T208A—Pennsylvania RR T208B—Union Pacific
★T209C—Santa Fe ★T208D—Baltimore & Ohio

"PACIFIC" 4-6-2 Steam Locomotive w/operating headlight & Long Haul Tender \$27.95



T212A—Pennsylvania RR T212B—Baltimore & Ohio (Blue)
T212C—Santa Fe T212D—Union Pacific

From the Collection of HOseeker

"GENERAL" 1860 4-4-0 Steam Locomotive and Tender \$22.95



T210A—Western & Atlantic (Green)
T210B—Central Pacific (Black)

"DIESEL RF16" "A" Unit, All metal, Deluxe lighted \$14.95



T215A—Pennsylvania RR

"INDUSTRIAL" DIESEL 4 wheel gear drive, Lighted \$6.98



★T227A—Republic Steel

ANIMATED "BRAKEMAN" BOX CAR \$3.98



T326A—Minneapolis & St. L.
★T326B—Toronto, Ham. & Buffalo

★T311A—Western Md.
★T311B—Gulf Mobile & Ohio
★T311C—General American
★T311D—Maine Central
★T311F—Miss., Kansas & Texas
★T311G—Boston Maine
T311H—Great Northern
T311J—New Haven

"BOX" CAR \$2.49



T311K—Louisville & Nash.
T311L—Rutland
T311M—Toronto, Ham. & Buffalo
★T311N—Chicago Outer Belt
T311P—Southern Pacific
★T311Q—Minn. & St. L.
★T311R—N.Y.C.
★T311S—C & O

"1860 COACH" CAR \$3.98



T513A—Western & Atlantic T513B—Central Pacific

"1860 COMBINE" CAR \$3.98



T514A—Western & Atlantic T514B—Central Pacific

"1860 BOX" CAR \$3.49



T317A—Western & Atlantic T317B—Central Pacific

"1860 HORSE" CAR \$3.49



T323A—Western & Atlantic
T323B—Central Pacific

"1860 WATER" CAR \$3.29



T322A—Central Pacific

"1860 PLATFORM" CAR \$2.98



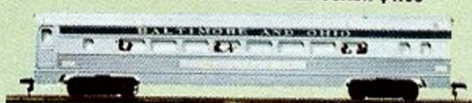
T318A—Western Atlantic
T318B—Central Pacific

"STREAMLINE DUAL LIGHTED COMBINE" CAR \$4.98



T520A—B & O
T520B—Canadian Pacific
★T520C—New Haven
★T520D—Santa Fe

"STREAMLINE DUAL LIGHTED COACH" \$4.98



T521A—B & O
T521B—Canadian Pacific
★T521C—New Haven
★T521D—Santa Fe

"STREAMLINE DUAL LIGHTED OBSERVATION" \$5.98



T522A—B & O
T522B—Canadian Pacific
★T522C—New Haven
★T522D—Santa Fe

"STREET CAR TRACK" \$.40

T15692—5" Straight Section

"STREET CAR TERMINAL" \$.50

T15693—5" Straight Section

"STREET CAR TRACK" \$.50

T15694—90° Curved Corner Section 4½" Radius

"STRAIGHT" TRACK \$.25

T15665—9" section

"RERAILER" TRACK \$.60

T15723—9" straight section

"CURVED" TRACK \$.25

T15664—15" radius
T15685—18" radius
T15724—22" radius

"TERMINAL" TRACK \$.75

T15688—9" Straight
T15732—18" Radius Curved

"SWITCH" REMOTE CONTROL \$4.95

T782—Left Hand T783—Right Hand

"SWITCH" MANUAL CONTROL \$2.95

T784—Left Hand T785—Right Hand

"UNCOUPLING RAMP" \$.49

T15729—TYCO-NMRA Portable

"BUMPER" TRACK \$.50

T787—Snap section

★DENOTES NEW ITEMS IN 1960 TYCO LINE

ALL ARE READY TO RUN OR USE . . .

"SHIFTER" 0-4-0 Steam Locomotive & Tender \$14.95

"BIG SIX" 0-6-0 Steam Locomotive and Tender \$17.95

"BOOSTER" 0-4-0 Steam Tank Locomotive \$8.98



"DIESEL F9" "A" Unit—Lighted \$8.98

T224A—Baltimore & Ohio
T224B—Canadian Pacific
★T224C—A.C.L.
★T224D—Santa Fe Frt.
★T224E—Chesapeake & Ohio
★T224F—D & RGW
★T224G—New Haven
★T224H—Santa Fe Pass.



T225A thru T225H Matching "A" non-powered each \$3.98
T226A thru T226H All Twin Powered, Lighted \$13.95

"8 WHEEL LIGHTED CABOOSE" \$4.49



T316A—Penna. RR T316B—Union Pacific

★T316C—Santa Fe

Same unlighted \$3.49

T327A thru T327C

Plus ★T327E—Del. & Hudson ★T327F—Southern Pacific

"4 WHEEL CABOOSE" \$2.49



T309A—Pennsylvania T309B—Union Pacific

★T309C—Baltimore & Ohio

★T309D—Canadian Pacific ★T309E—A.C.L.

★309F—Santa Fe ★T309G—N.Y.C.

★T309H—Great Northern

"REFRIGERATOR" CAR \$2.49

★T329A—Swift & Co.
★T329B—Kraft
★T329C—Armour & Co.
★T329D—Mars Milky Way



T312A—Missouri Pacific
T312B—A.C.L. T312C—Miss., Kan. & Texas
T312D—Denver & Rio Grande
★T312E—Santa Fe

"STOCK" CAR \$2.49



"DERRICK CAR—OPERATING \$3.49



T325A—N.Y.C.
T325B—Penna.
★T325C—Denver & Rio Grande
★T325D—Western Maryland
★T325E—Union Pacific
★T325F—Reading

"TANK" CAR \$2.79



T315A—Texaco
T315B—Republic
T315C—Shell
T315D—Hercules
★T315F—Mobilgas

"CHEMICAL CAR" \$2.98



T324A—Diamond Chemical
T324B—DuPont
★T324C—Hooker Chemical

T314A—Penna. RR
T314B—U. S. Navy
T314C—Santa Fe
★T314D—N.Y.C.

"FLAT" CAR \$2.29



"CLEARANCE CHECK" CAR—OPERATING \$3.49

T319A—Penna.
★T319B—Reading



★T310A—B & O
T310B—Penna.
★T310C—Texas & Pacific
★T310D—Rock Island
T310E—C & O
T310F—Monon
★T310G—N.Y.C.
★T310H—Union Pacific

"GONDOLA" CAR \$2.29



"GANDY DANCER" BUNK CAR \$2.49



T321A—Union Pacific
T321B—Penna.
★T321C—N.Y.C.
★T321D—Reading

From the Collection of
HOseker

"FLOODLIGHT" CAR—OPERATING \$4.98



T320A—Union Pacific
T320B—Penna.
★T320C—Reading

"HOPPER" CAR—OPERATING \$2.79



★T330A—Reading RR
★T330B—Chicago, Burl. & Quincy

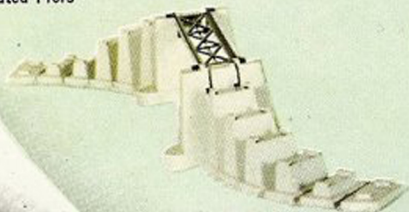
"PORTABLE" RERAILER \$.29
T5667—Use anywhere



"STONE" BRIDGE \$.69
T808—Single Track Width

"OVER AND UNDER" PIER SET \$3.95

T843—Graduated Piers



"SNOW PLOW" \$.49

T832—For Locos T213 & T217



"FLAT CAR LOAD" \$.39
★T840—I Beam Girder



"GONDOLA LOAD" \$.39

T831—8' Culvert Pipe
Set of 3

"STAKE PANELS" \$.39

T833—Set of 4 panels
for flat cars



"TYCO-PAK" POWER SUPPLY \$5.95

T834—.5 Ampere.
Direction Control



★"SEMAPHORE" POWER SUPPLY \$12.95

T842—1.5 Amp
Lighted Indicators
AC Take-off



ACCESSORIES
NOT ILLUSTRATED
Railjoiners \$.35
T709—(Envelope of 100)

Gravel Load \$.29
★T839—For Operating Hopper Car

Coupler Kit—pr. \$.39
★T841—TYCO Riveted Assy.

Hopper Car Ramp \$.75
★T15735—Gate Actuating
9" Track Section

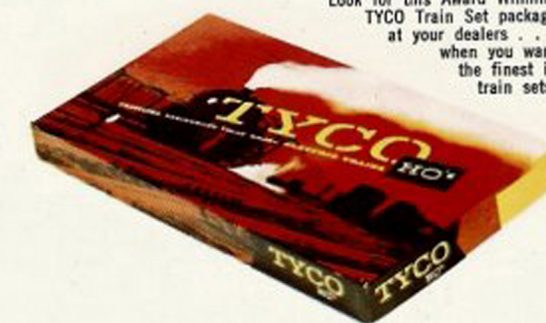
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